

IN THE SPECIFICATION:

Page 1, please amend as follows:

CROSS REFERENCE TO RELATED APPLICATIONS

The present application is the National State, under 35 U.S.C. 371, of PCT/US00/40431, filed July 20, 2000, a continuation-in-part of United States Patent Application of 09/646,737, filed November 22, 2000, which claims the benefit of priority to United States Provisional Patent Application No. 60/145,785, filed July 27, 1999, 60/079,413, filed March 26, 1998, and is also a continuation-in-part of United States Patent Application No. 09/646,737, filed November 22, 2000, the present application claims priority to PCT/US00/40431, filed July 20, 2000, which claims the benefit of priority to United States Provisional Patent Application No. 60/079,413, filed March 26, 1998, 60/145,785, filed July 27, 1999, all of which are incorporated herein by reference.

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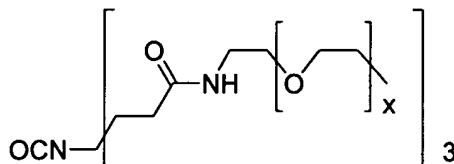
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phenylene hexagon (19), advances via self-assembly has yielded, for example, chiral (20) and achiral (21) circular helicates, cylindrical cage structures (22), Pt-coordinated bipyridyl squares (23), and metal-templated [2]catenanes (24, 25), and cyclic porphyrin trimers (26).

In view of the above, it is desirable to develop further compounds, and in the larger sense, various means for improving and enhancing electrolyte and electrocomponents in solid state, energy storage devices. It would be desirable to be able to meld together iterative processes utilized in dendritic chemistry with combinatorial processes which have also been highly developed in dendritic chemistry towards multiple unit positioning within dendritic structures and other architectures in order to obtain improvements and enhancements.

SUMMARY OF THE INVENTION

According to the present invention, there is provided a compound of the formula



wherein x is an integer from 1 to 3 or 4.

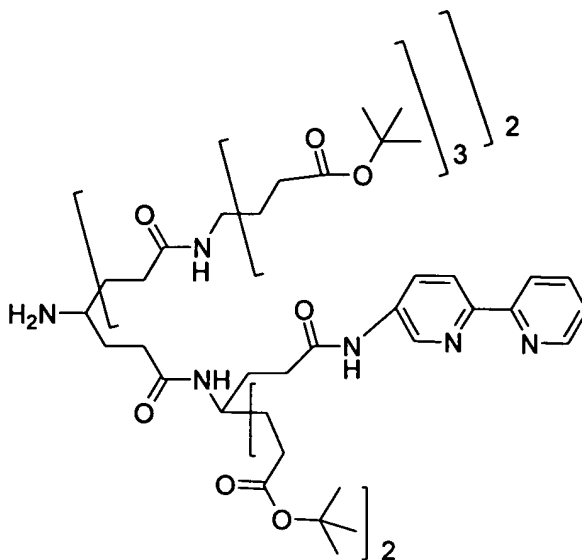
A method of making dendrimer frameworks includes the steps of reacting and converting a triethylene glycol and then coupling it and subsequently reducing the building block, followed by forming a

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dendrimer core and reacting the building block with the dendrimer core to yield a first generation dendrimer.

The present invention further provides a monomer of the formula



More generally, a dendrimer is provided including a single ligating moiety bound to a surface of each quadrant of the dendrimer.

A dendrimer is further provided which is a nanocrystallite.

A method of making metallo-based (macro)molecules includes the steps of providing monomers selected from the group consisting of bipyridal- and terpyridal-based ligands with connecting metals and self-assembling macrocycles wherein the monomers are interconnected by the metals.

Finally, a compound is provided which consists of a fractal-like, planar organometallic array.